



GLAST Monthly PSR

LAT Instrument

B. Graf
Instrument Manager
- 1



Accomplishments

- ▶ ***Approach to EMI/EMC Testing settled (asked for cost/schedule impact)***
- ▶ ***Received first indication our revised loads (SAI-TM-2252) are helping***
- ▶ ***Tracker ASIC testing underway***
- ▶ ***Developed and agreed to a plan to qualify and screen the ADC&DAC parts (Maxim) – ASICs next***
- ▶ ***Tracker EM vibration test schedule holding for mid-July***
- ▶ ***Settled on an approach to CAL/GRID interface design***
- ▶ ***Flex-cable vender visit***
- ▶ ***Continued working the Mini Tracker tower interface***
- ▶ ***Preparations for CDR***
 - *Working peer review RFAs*
 - *43/57 PDR RFAs closed.....17/20 Delta PDR RFAs closed*



Issues/Problems

- ▶ ***CAL/GRID interface design***
- ▶ ***Tracker and CAL EM testing – affect design?***
- ▶ ***Parts list not complete***
- ▶ ***Parts stress analysis not at CDR maturity***
 - *Schematics not final*
 - *Board layout not final*
- ▶ ***FMEA complete by CDR and any impact on design***
- ▶ ***Manpower/Cost/Schedule***



Upcoming Events



- ▶ **CDR**
- ▶ ***Complete revision of EMI/EMC specification***
- ▶ ***Tracker and CAL EM testing***
- ▶ ***Begin Flight Unit assembly of ACD HVBS resistive network***
 - June 18
- ▶ ***Begin Engineering Unit ACD FREE Testing – June 11***
- ▶ ***Complete Tracker ASIC testing – end of May***
- ▶ ***Begin FM Csl acceptance testing – April 28***
- ▶ ***Receive first 600 DPD – start testing – June 5***
- ▶ ***TCS Flight Unit HW Fab (heaters, thermisters) – mid May***



Rolling Wave Schedule



▶ ***SEE ATTACHED***